

## RURAL PRODUCTION

1957-58

South Australia

Bulletin No. 15 of 1958.

This Bulletin summarises the principal statistics relating to livestock and cereals recently published in Bulletins 9 and 12 and gives data concerning other crops, exports, manures used, implements, employment, etc., some items being provisional. Particulars of varieties of wheat, barley, oats and peas were published in Bulletin 13.

In the various tables in this bulletin, production results of the season 1957-58 are compared with corresponding figures for the previous 2 seasons and for the pre-war season 1938-39. In the text, figures for 1956-57 are shown in parentheses.

### I. AREAS UNDER CROP

<u>Particulars</u>	<u>1938-39</u>	<u>1955-56</u>	<u>1956-57</u>	<u>1957-58</u>
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>
Wheat for Grain	3,080,401	1,609,029	1,438,289	1,331,302
Barley for Grain	457,039	1,041,806	1,221,737	1,211,762
Oats for Grain	266,842	425,026	427,192	427,366
Rye for Grain	5,273	37,418	41,871	38,955
Peas - Field	16,570	34,298	30,496	37,168
Lucerne, Clover, etc. Seed	2,342	47,726	39,917	31,561
Flax	4	526	1,864	1,410
Linseed	-	128	290	221
Hay	519,309	325,673	298,794	290,926
Green Fodder	276,021	339,161	367,115	424,508
Vines - Wine (b)	36,457	42,096	43,089	43,432
Drying, Table (b)	21,563	17,766	14,320	14,007
Orchards	28,943	32,998	33,998	35,295
Vegetables - Potatoes	4,290	5,373	5,677	6,260
Other Domestic	5,446	11,595	13,108	11,649
Nurseries	177	180	166	198
Canary Seed	3,076	6	207	115
Other (a)	337	808	783	401
TOTAL CROPS	4,724,090	3,971,613	3,978,913	3,906,536

(a) Includes Vegetable Seeds, Herbs, Safflower, Chicory, etc.

(b) According to purpose for which grapes used during year.

Area under Vegetables includes Green Peas 5,252 (6,535), Turnips and Swedes 273 (323), Carrots 327 (321), Onions 694 (608), Pumpkins, Triambles etc. 887 (925), Tomatoes 1,224 (1,343), Cabbages 370 (395), Cauliflowers 576 (527), French Beans 325 (366), Beetroot 144 (128), Lettuce 357 (353), Celery 430 (414), Cucumbers 110 (105), Rhubarb 74 (77) acres.

### II. LAND UTILIZATION

In addition to the total area under crop of 3,906,536 (3,978,913) acres, there were 752,622 (909,121) acres under fallow, 326,847 (294,405) of lucerne for grazing and 4,022,322 (3,958,426) of clover and grasses other than natural grasses.

### III. YIELDS OF CROPS

Particulars		1938-39	1955-56	1956-57	1957-58
Wheat	Bush.	31,674,418	28,891,524	31,431,547	14,913,988
Barley	"	7,541,090	24,597,979	34,002,876	17,551,669
Oats	"	2,401,128	7,280,340	8,318,296	3,422,525
Rye	"	18,469	193,330	251,793	152,493
Peas - Field	"	96,329	584,320	632,795	188,376
Hay (all kinds)	Tons	585,554	460,821	453,270	304,094
Seeds (Clover etc.)	Cwt.	2,967	43,722	40,687	31,933
Potatoes	Tons	18,487	36,460	43,665	49,965
Onions	"	3,892	4,911	5,611	5,945
Tomatoes	Bush.	226,691	486,546	538,345	573,182
Green Peas (In pod)	"	97,918	413,274	455,204	316,041
Carrots	Tons	1,117	5,095	5,359	5,700
Currants	Cwt.	191,381	100,180	78,820	99,840
Sultanas	"	192,926	201,680	181,900	196,680
Raisins	"	40,212	32,300	12,420	30,060
Grapes for Wine	Tons	65,634	100,446	128,526	141,559
Wine	Gall.	10,459,324	18,403,197	24,038,050	26,399,633
Apples	Bush.	808,020	985,266	1,008,226	1,219,910
Apricots	"	343,569	663,441	775,532	505,819
Peaches	"	149,602	360,100	453,281	689,921
Pears	"	195,995	353,696	294,912	402,147
Plums, Prunes	"	134,030	118,022	108,243	142,123
Oranges	"	815,460	1,526,697	1,454,750	1,759,529
Lemons	"	55,862	57,541	54,875	50,847
Almonds	Cwt.	9,994	12,558	15,523	17,496

#### YIELDS PER ACRE

Wheat	Bush	10.28	17.96	21.85	11.20
Barley	"	16.50	23.61	27.83	14.48
Oats	"	9.00	17.13	19.47	8.01
Hay	Tons	1.13	1.41	1.52	1.05
RAINFALL Apl.-Nov.	Inch.	10.00	15.77	18.55	8.72

Other Vegetable Yields included - Parsnips 1,182 (1,161) tons; Swedes and Turnips 1,797 (1,987) tons; Beetroot 1,515 (1,288) tons; Pumpkins, Triambles etc. 5,162 (6,099) tons; French Beans 62,920 (66,617) bushels; Broad Beans 2,456 (6,693) bushels; Cauliflowers 213,806 (186,968) dozen; Cabbages 164,722 (170,089) dozen; Lettuce 156,828 (177,333) cases; Celery 244,377 (192,271) crates; Silver Beet 20,568 (17,553) dozen bunches; Rhubarb 293 (268) tons; Cucumbers 87,861 (74,025) half cases.

Other Fruit yields included Cherries 49,003 (40,382), Figs 27,150 (22,144), Nectarines 43,205 (24,821), Grape Fruit 81,949 (64,879), Quinces 15,376 (15,593) bushels, and walnuts 745 (762) cwts.

Berry Fruits were:- Raspberries 496 (465), Strawberries 989 (1,153), Other 647 (461) cwt.

Oranges were specified as Navel 980,106 (893,286), Valencia 709,645 (498,760), Seville and Poorman 7,918 (5,858), Mandarins 32,818 (28,472), Other Seeded types 29,042 (28,374) bushels.

Plums were 55,371 (37,696) and prunes 86,752 (70,547) bushels.

ENSILAGE made 23,230 (50,900) tons.

RECORD yields have been: Wheat (1931-32) 48,093,102 bushels; Barley (1956-57) 34,002,876 bushels; Oats (1956-57) 8,318,296 bushels; Wine (1957-58) 26,399,633 gallons; Currants (1943-44) 209,140 cwt.; Sultanas (1943-44) 333,300 cwt.; Raisins (1953-54) 117,505 cwt; Apples (1940-41) 1,750,000 bushels; Oranges (1957) 1,759,529 bushels; Pears (1957-58) 402,147 bushels; Almonds (1949-50) 17,937 cwt.; Apricots (1956-57) 775,532 bushels.



IV. OVERSEA EXPORTS (Years ended June)

Products		1939	1956	1957	1958
Barley	Bush.	2,248,212	13,912,192	18,708,749	17,384,192
Wheat	"	18,486,303	15,896,795	20,123,115	14,819,841
Flour	Tons	86,676	72,721	87,202	57,536
Butter	lb.	7,385,564	2,231,792	2,428,960	968,204
Cheese	lb.	12,907,683	13,642,604	9,259,405	5,800,111
Eggs	£	98,911	757,189	476,448	395,537
Mutton	cwt.	1,391	21,695	919	66,247
Lamb	cwt.	196,546	153,928	120,277	149,390
Wool (as greasy)	lb.	87,272,802	141,258,418	155,604,786	136,607,123
Currants, raisins	lb.	42,692,777	31,051,792	24,234,275	29,957,412
Tree fruits -					
Fresh, Dried etc.	£	275,074	2,154,440	1,691,518	1,793,192
Wine	gall.	3,440,509	1,102,676	1,571,021	1,401,764

V. MANURE USED

Particulars		1938	1955	1956	1957
Crops manured	Acres	4,281,419	3,405,227	3,399,705	3,462,521
Manure used	Tons	179,418	176,935	175,350	182,248
Cropped area manured	%	90.6	85.7	85.4	88.6
Manure per acre	lbs.	93.7	116.4	115.5	117.9
Pastures manured	Acres	1,095,120	3,498,832	3,676,932	4,005,002
Manure used	Tons	56,325	203,847	214,601	236,291
Manure per acre	lbs.	115.2	130.5	130.7	132.2

The quantity of manures used during say 1957 generally speaking would be from the quantities manufactured and/or sold during 1956-57 and would be used for producing the 1957-58 crops. In connection with topdressed pastures, it is noted that 326,847 (294,405) acres of lucerne and 4,022,322 (3,958,426) acres of clover and grasses other than natural grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed, hay or green fodder.

Particulars of fertilisers used for 1957 were:-

	Area Manured	Super- phosphate	Other Fertilisers	Total per acre
	Acres	Tons	Tons	Lbs.
Wheat (all purposes)	1,377,310	65,001	280	106.2
Vegetables	13,842	3,048	3,676	1088.4
Fruits, Vines	52,753	3,552	5,952	403.6
Other Crops	2,018,616	100,137	602	111.8
Total Crops	3,462,521	171,738	10,510	117.9
Pastures	4,005,002	235,143	1,148	132.2
GRAND TOTAL	7,467,523	406,881	11,658	125.6

Of the superphosphate used, 8,919 tons with trace elements were used on crops and 32,299 tons on pastures.

VI LIVESTOCK ETC.

Particulars		1938-39	1955-56	1956-57	1957-58
Sheep	No.	9,936,586	13,584,867	14,983,848	15,236,545
Cattle -					
Dairy Cows	"	165,110	195,039	194,502	191,205
Other	"	153,787	371,016	427,075	406,036
Horses	"	195,834	44,470	41,049	35,678
Pigs	"	71,292	72,920	92,180	108,343
Ewes Mated	"	4,202,848	5,654,541	6,142,419	6,567,967
Lambs Marked	"	3,077,634	4,439,656	4,909,922	5,056,130
Wool Production	lbs.	105,266,000	173,697,211	188,808,225	183,500,000
Butter Made	"	20,716,584	19,541,309	19,260,288	16,100,000
Cheese Made	"	18,457,598	28,297,352	26,786,949	23,500,000
Milk Production	galls.	72,500,000	90,342,297	89,881,734	80,745,000
Bacon and Ham	lbs.	5,987,363	7,676,549	7,294,784	6,598,000
		1938a	1956b	1957b	1958b
Slaughterings					
Sheep, Lambs	No.	1,588,507	2,357,568	2,329,073	3,277,816
Cattle, Calves	"	167,451	227,382	251,965	282,517
Pigs	"	150,369	132,229	123,700	175,303

a. For year ended 31st December. b. For year ending 30th June.

RECORDS.

Record numbers have been:- Sheep, March 1958 - 15,236,545; Total Cattle, March 1957 - 621,577; Dairy Cattle, March 1955 - 268,921; Beef Cattle, March 1957 - 356,093; Horses, December 1913 - 283,641; and Pigs, December 1940 - 190,068.

Records in Production have been:- Wool 1956-57 - 188,808,225 lbs; Milk, 1946-47 - 93,500,000 gallons; Butter, 1937-38 - 22,428,298 lbs; Cheese - 1954-55 - 29,346,931 lbs; Bacon and Ham 1945-46 - 11,734,764 lbs; Lambs Marked 1957 - 5,056,130. The record area of pastures topdressed was 4,005,002 acres in 1957.

VII. MACHINERY IMPLEMENTS

		1938-39	1955-56	1956-57	1957-58
Tractors	No.	5,969	24,345	26,012	27,288
Rotary Hoes	"	531b	3,242	3,414	3,507
Hay Presses and Balers	"	275a	2,383	2,780	2,873
Milking Machines	"	684	6,920	7,208	7,344
Shearing Machines	"	2,976a	12,134	12,690	13,280
Fertiliser Distributors	"	N.A.	6,431	6,683	6,895
Ploughs	"	30,609	34,859	35,283	* 37,352
Drills and Combines	"	19,203	17,992	18,427	18,452

a. 1942-43 b. 1943-44

Other details for 1957-58 were as follows:-

Tractors. Crawler or track type 3,336. Wheeled type 23,952; Hay Presses (Stationary) 689; Balers (Pick-up) 2,184; Harvesters, Headers, Strippers\* 13,089; Milking Machines. Unit size 1, - 1,356; 2, - 3,790; 3, - 1,179; 4, - 679; 5, - 110; 6, - 190; Other 40. Total Units 17,206; Shearing Machines as per number of stands 1, - 4,628; 2, - 6,867; 3, - 1,224; 4, - 369; 5, - 68; 6, - 77; Other - 47; Total Stands 24,697.

\* Preliminary figure.



VIII. PERSONS ENGAGED PERMANENTLY

<u>Particulars</u>		1938-39	1955-56	1956-57	1957-58
Males	No.	41,421	37,335	36,405	35,195
Females	No.	2,942	4,670	3,885	2,660
Persons	No.	44,363	42,005	40,290	37,855

Of the persons engaged permanently in 1957-58, 7,950 males and 470 females were paid employees, the balance being occupiers, lessees, unpaid relatives, etc.

Wages and Salaries (including Value of Keep).

To permanent workers, males £5,262,642 (£5,166,481), Females £182,626 (£190,264). To Temporary Workers, Males £4,825,580 (£4,676,492); Females £272,868 (£267,552).

IX. BEE-KEEPING

During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax. For 1957-58 (1956-57) there were 4,150,911 (8,169,504) lbs. of honey and 86,488 (116,305) lbs. of beeswax. There were 936 (817) beekeepers with 56,245 (74,137) productive and 27,831 (12,695) unproductive hives.

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